Using eduroam at Northumbria

Northumbria Staff & Students Visiting Other Universities/Institutions

It is a good idea to test that you can connect to eduroam at Northumbria before you try to use eduroam anywhere else. You should also check that they participate in the Eduroam service. A map of participating institutions is available on the JANET Roaming site:

- Go to the JANET Roaming - Sites locations web page
- Scroll down to the table of UK Institutions
- Check that the institution you are visiting has the word **Visited**
- Listings for worldwide institutions can also be found on this site

The set up at each institution will differ depending on the encryption protocols that they have in place, therefore, you may need to change your configuration settings in order to connect to eduroam at another institution. You must check their website for their particular details before you go.

When connecting to eduroam at another institution you do not need a guest account, just enter your Northumbria username in the following format:

username@northumbria.ac.uk

e.g. q991234@northumbria.ac.uk

This is your standard Northumbria username followed by the Northumbria university address. It is not the same as your email address.

For details on how to check your settings for connection at Northumbria please see the section further on in this guide.

Terms & Conditions for all eduroam users

All users of eduroam must abide by the following:

- JANET Roaming Policy
- The local IT Policies of their home institution and those of the institution they are visiting. For information about Northumbria see Northumbria IT Regulations and Guidelines

Visitors to Northumbria

Eduroam is available to visitors via our wireless network which is available from most areas on campus.

Before connecting to eduroam you may need to be registered for use at your home institution. Please check your home website for details and remember to check the username format that your institution uses to connect to eduroam.

The set up at each institution will differ depending on the encryption protocols that they have in place, therefore, you may need to change your configuration settings in order to connect to eduroam at Northumbria. Please see the details below.

Check your settings for eduroam at Northumbria
(*These instructions are for Windows 7 & Vista – for XP & Mac see below***)**

You will need to check that your wireless device has the following configuration settings enabled. *(Note: These settings apply to connection at Northumbria - they may differ from the settings of other participating institutions).*

- Click the **Start** Button [Start Button image] then click [Control Panel image]
- Click **Network and Sharing Center**
  If you can't see this click **Network and Internet** *to proceed*
- Click **Set up a connection or network**
- Select **Manually connect to a wireless network** then click [Next button]
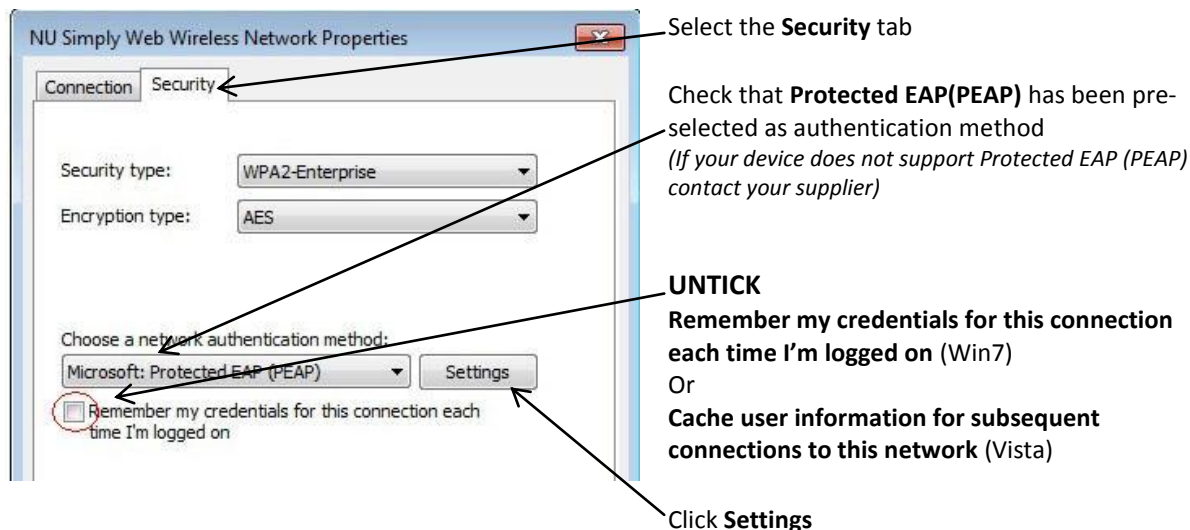

In Network Name type **eduroam** *(this is case sensitive)*

From the security drop down menu select **WPA2-Enterprise**. This will automatically fill in the encryption type as **AES**

If your device does not support WPA2 your supplier may offer a free upgrade. Contact your supplier for instructions

UNTICK Start this connection automatically Then click [Next button]

- The message **Successfully added eduroam** will be displayed
- Select **Change connection settings**

Select the **Security** tab

Check that **Protected EAP(PEAP)** has been pre-selected as authentication method
(If your device does not support Protected EAP (PEAP) contact your supplier)

UNTICK
Remember my credentials for this connection each time I'm logged on (Win7)
Or
Cache user information for subsequent connections to this network (Vista)

Click **Settings**

- UNTICK **Validate Server Certificate**
- Click **Configure**

- UNTICK **Automatically use my Windows logon name and password** and click **OK** on all dialog boxes for the settings to be accepted

Close the **Successfully added eduroam** web box still open on your screen

You can now log on to eduroam

How to log on to eduroam at Northumbria

- Select your wireless connection icon to see the wireless networks available
- Select **eduroam** and click **Connect**
- Enter your username and password in the following format:

Northumbria Students & Staff	Visitors to Northumbria
username@northumbria.ac.uk	**username@university.ac.uk**
e.g. q991234@northumbria.ac.uk	e.g. user99@sussex.ac.uk
This is your standard Northumbria username followed by the Northumbria university address.	This is the username that you use to log on to your home institution followed by the university address.
Then enter your Northumbria password.	Then enter the password that you would use at your home institution.

- You can now open your web browser and use the Internet

Settings for XP & Mac

XP

- Open wireless connections
- Select **eduroam**
- Select **Properties**
- Select the **Associations** tab
- Change settings to WPA or WPA2 according to the level of Data Encryption supported by your device
- Click the **Authentication** tab
- Check that **Enable IEEE 802 1x authentication** is ticked
- From the drop down menu select **Protected EAP (PEAP)**
- **Untick** all other boxes in this view
- Click Properties
- Untick **Validate Server Certificate**
- From the drop down Authentication Method select **Secured password (EAP-MSCHAP v2)**
- Click **Configure**
- UNTICK Automatically use my Windows logon name and password
- Click **OK** on each box that is displayed to exit
- You can now open your web browser and logon to eduroam (*see above for log on details*)

Mac OS X

- From the Airport icon on your toolbar click **eduroam**
- Enter your username in the format for your institution *(see above)*
- Enter your password
- Click **OK**
- At the Verify Certificate screen click **Continue**
- You can now open your web browser and access the internet.

Help & Support

For further advice Northumbria students and staff can contact the IT Helpline when they are working on campus and when they are visiting other institutions

IT Helpline
Tel: 0191 227 4242
Freephone: 0800 923 4242
Text: +44 77 81 48 27 86
Email: it.helpline@northumbria.ac.uk
Online: www.northumbria.ac.uk/knowhow

24 x 365
Open every day
All year round!

Visitors should check the information on their home web pages or contact the IT Support team at their home institution.